CLAIMS

1	1. Extruder with at least one screw in at least one axially oriented bore (2, 3)
2	in a barrel and with a cutting plate (4) of a granulating unit, characterized in that the cutting plate
3	(4) is connected directly to the end of the barrel at the downstream end of the extruder, and in
4	that heating elements are located in the barrel in the immediate vicinity of the contact surface
5	between the barrel and the cutting plate (4).
1	2. Extruder according to Claim 1, characterized in that the barrel is built up in
2	modular fashion out of axial barrel segments (1).
1	3. Extruder according to one of the preceding claims, characterized in that the
2	heating elements are heating cartridges.
1	4. Extruder according to Claim 3, characterized in that the heating cartridges are
2	installed in continuous bores (8) passing all the way through the barrel.
1	5. Extruder according to Claim 4, characterized in that the heating cartridges are
2	arranged in the barrel in such a way as to form a square.
1	6. Extruder according to one of the preceding claims, characterized in that two
2	screws are mounted in overlapping, axially oriented bores (2, 3), and in that, with respect to the
3	transport direction of the screws, the bores (2, 3) are followed by a channel (5), the outlet-side
4	cross section of which is congruent with the cross section of the feed opening of the attached
5	cutting plate (4).

- 7. Extruder according to Claim 2 and Claim 6, characterized in that the overlapping, axially oriented bores (2, 3) extend all the way to the inlet-side part of the last barrel segment (1); in that the screws in this last barrel segment (1) have a shape which causes the pressure to build up in the extrudate when they turn; and in that the channel (5) adjoining the bores (2, 3) is located in the outlet-side part of the last barrel segment (1).
- 8. Extruder according to one of the preceding claims, characterized in that the barrel has a mounting recess (9), in which at least half of the volume of the cutting plate (4) is accommodated.
- 9. Use of an extruder according to one of the preceding claims to granulate thermoplastic compositions as part of a compounding process.